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Office of Regulatory Affairs
7037 Old Madison Pike
Huntsville, Alabama 35806

October 20, 2009

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
455 Twelfth Street, S.W.
Washington, D.C. 20554

RE: GN Docket Nos. 09-29, 09-47, 09-51
Ex Parte Notice

Dear Ms. Dortch:

On Tuesday, October 13, 2009, Jerry Watts, Vice President, Government and Industry Affairs, DeltaCom, Inc. and Gene Morisak, Strategic Account Manager, Adtran, Inc. met with Robert A. Curtis, Deployment Director, National Broadband Plan, and Byron J. Neal, Sr. Technologist, National Broadband Plan Taskforce, at the Comptel Fall Conference in Orlando Florida. Mr. Watts and Mr. Morisak discussed the implications of Ethernet over copper technology for the National Broadband Plan and the related policy issues regarding the retirement of copper loop facilities by incumbent local exchange companies. Messrs. Watts and Morisak urged the Commission to maintain or expand Competitive Local Exchange Carriers' access to copper loop facilities in order to promote broadband deployment and noted that, combined with new technologies, the use of existing copper would be the most efficient means to obtain the goals of the 1996 Telecom Act.

Their presentations are attached.

Pursuant to section 1.1206(b)(2) of the Commission's rules, 47 C.F.R. § 1.1206(b)(2), this *ex parte* notification is being filed electronically for inclusion in the public record of the above-referenced proceedings.

Sincerely,

Jerry Watts
Vice President, Government and Industry Affairs

Enclosures

CC: Robert A. Curtis
Byron J. Neal

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Attachment 1

DeltaCom Presentation

Jerry Watts

Ethernet Over Copper

Ethernet Over Copper

Opportunities and Issues

October 13, 2009

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DeltaCom Profile

- Deltacom, Inc. was formed in 1997. Today, with 45 locations and approximately 1,500 experienced employees, Deltacom is the largest facilities-based Competitive Local Exchange Carrier (CLEC) in the Southeast.

- Our Network continues to evolve to meet the overall growth demands of market expansion and bandwidth requirements for our customers. Our comprehensive fiber-optic infrastructure utilizes DWDM technologies to provide reliable transmission of voice, data, and video communications. We own over 11,000 miles of fiber with more access points than any other provider in our region. Extensive interconnections with Competitive Access Providers (CAP) and alternative access vendors in not only our Tier 1 markets, but also in Tier 2 and Tier 3 markets provides our customers with diverse connection routes to ILECs and other CLECs.

DeltaCom Profile (continued)

➢Infrastructure Highlights

- ➢ 14-state synchronous optical network (SONET)
- ➢ Fiber Optic Infrastructure extends 15,756 miles (11,800 owned)
- ➢ MPLS backbone
- ➢ Ethernet enabled platform
- ➢ Point-to-Point circuits
- ➢ Multi-level hierarchy of connectivity architecture
- ➢ High-speed, redundant routers and switches
- ➢ 231 Points of Presence (POPs)
- ➢ 22 Voice switches
- ➢ 81 Frame Relay switches and Asynchronous Transfer Mode (ATM) switches
- ➢ 267 Collocations

DeltaCom Profile (continued)

➢Deltacom Retail Services

- ➢ Local, long distance, Internet, Simpli-Mobile[SM] wireless and multifunction printers – all from one company
- ➢ Business-class T-1 bandwidth
- ➢ Feature-rich telephone system
- ➢ Customization options
- ➢ Single-call service, support and maintenance
- ➢ One integrated monthly invoice

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DeltaCom Profile (continued)

Deltacom Wholesale Services

- Interstate FiberNet (IFN), a Deltacom company, is the premier, Southeast, facilities-based wholesale telecommunications provider to Inter-Exchange Carriers, Wireless Carriers, CLECs, LECs, ISPs, ESPs, Wi-Max and Wi-Fi Providers, Content Providers, and Cable companies.

- Our Wholesale services include:

  - Private line and wave data services
  - Ethernet
  - Dedicated Internet services
  - Metro network services
  - PRI services
  - Wholesale local services
  - Voice termination
  - Operator services
  - Directory assistance
  - Professional services

Retail Ethernet Deployment

- Use existing and new Collocation sites
- Deploy leading edge ADTRAN technology
- Utilize existing ILEC copper loops for last mile connectivity

Why Adtran Technology

- ADTRAN Product Presentation by Gene Morisak, ADTRAN Account Team

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Copper Retirement Issues

- Critical to delivery of competitive broadband
- Lack of rules present unacceptable business uncertainty
- Rules will leverage significant expansion of state of the art broadband technology and robust competition
- Petition filed by Deltacom and others pending since January 2007
- Public interest demands action by the FCC

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Attachment 2

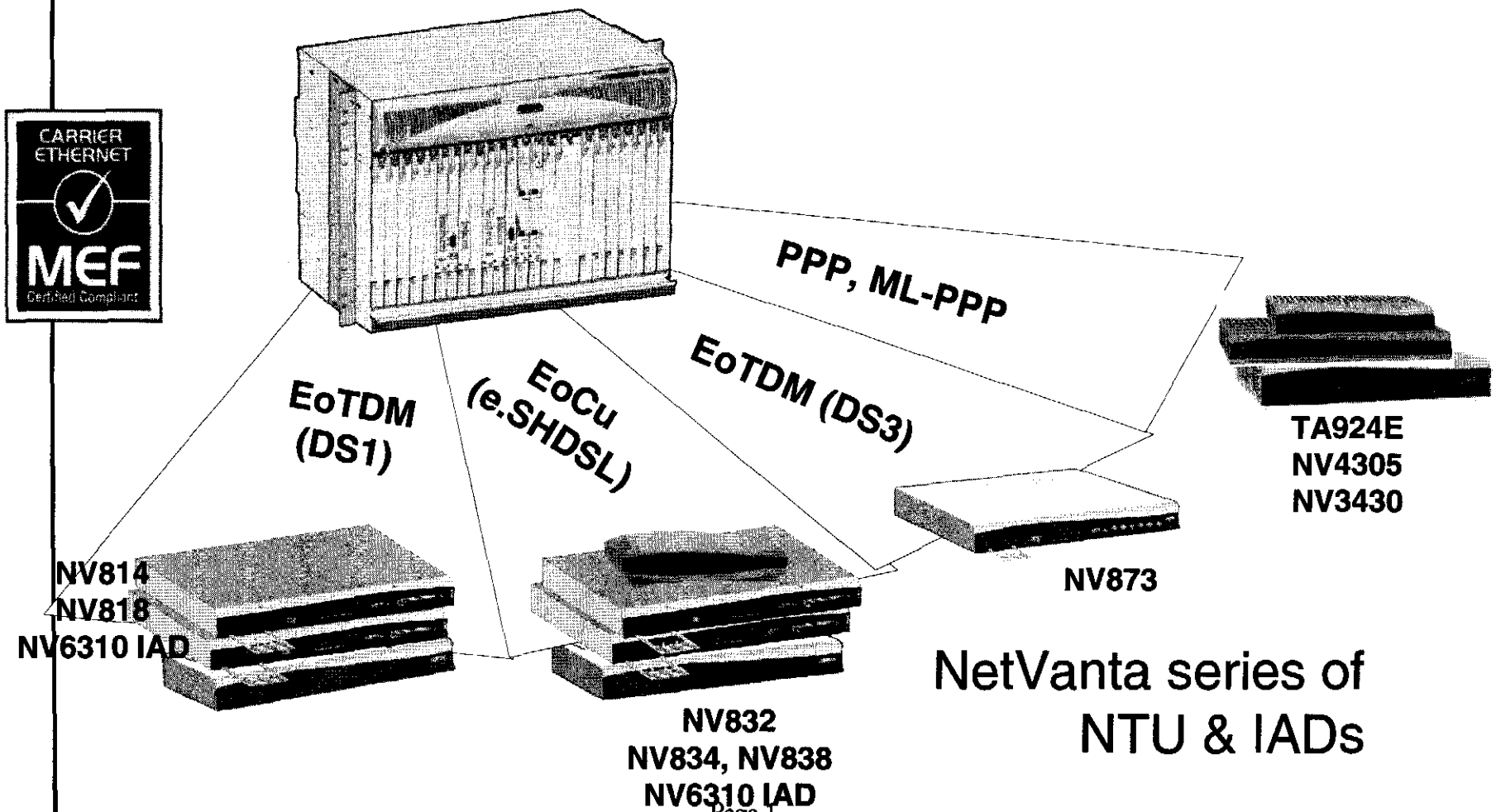
ADTRAN Presentation

Gene Morisak

Ethernet Over Copper

Total Access 5000 Business Aggregation

T1 & UNE Fed; Demarc & IAD Solutions



NetVanta series of NTU & IADs

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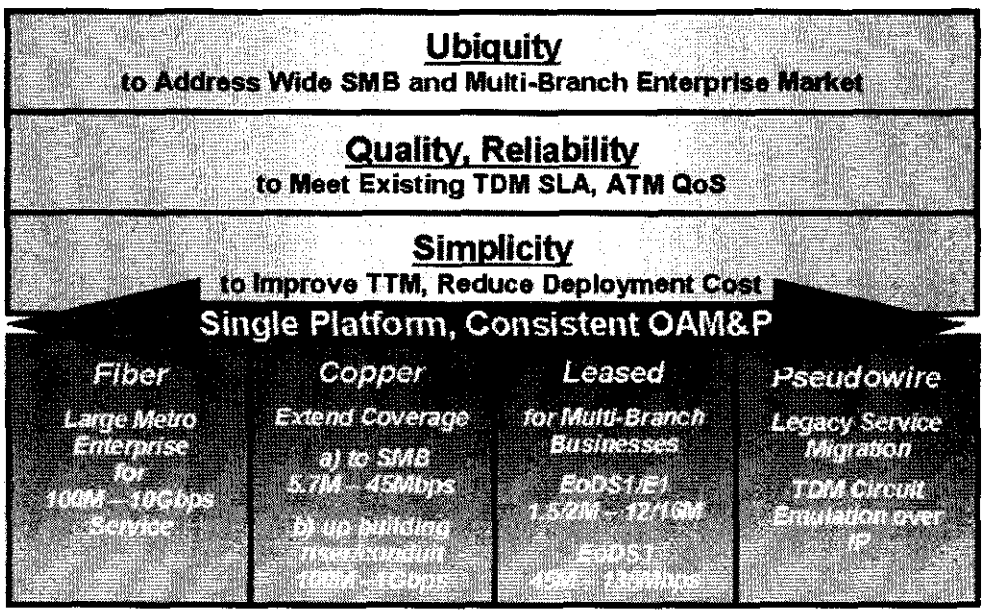
Why Adtran Technology

- Combining our experience deploying Ethernet, with more than 20 years success in business service delivery over copper, ADTRAN EoCu is uniquely positioned to offer service providers the ability to universally deliver next-generation business services with minimum capital investment and maximum service reach.
- Using this extended-reach Ethernet over TDM (EoTDM) approach in concert with focused deployments of ADTRAN's higher bandwidth DSL, Ethernet over Copper (EoCu) standards allow carriers to cost-effectively right-size the delivery of a wide range of voice and data services ubiquitously and simply.



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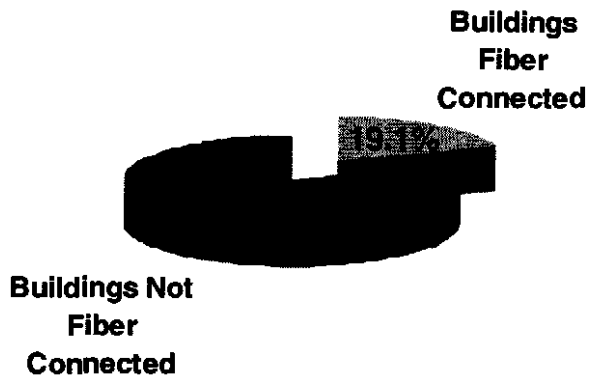
Copper Loop Access

- In order for service providers to universally deliver next-generation business services with minimum capital investment and maximum service reach, copper loop access is mandatory.
- Industry analysis show that 7 million commercial buildings in the U.S. and Europe will NOT have copper access alternatives in the foreseeable future, leaving a large segment of businesses to rely on copper to deliver business services. Further, as copper is removed from locations served by Fiber, the number of buildings available to be served with a competitive Ethernet service offering, decreases further.
- Perhaps only thirty percent business service coverage can be attained due to EoCu reach limitations. e.SHDSL can only deliver Ethernet bandwidth so far away from the CO. Also, we must note that EoCu and other next-generation copper standards cannot be delivered to businesses located on the far-side of a remote terminal as current DS1/HDSLx business class service RTs act as a barrier until those EoCu standards are also installed at that same RT.
- SHDSL and VDSL2, as variants of the EFM standard serving the EoCu market, provide unique advantages in service deployment. HDSL2, SHDSL, and VDSL2 standards deliver Ethernet at 1.5, 5.7, and up to 100 Mbps per copper pair respectively. SHDSL and VDSL2 offer greater loop capacities on short copper loops than traditional business class services and represent enormous potential in expanded Ethernet revenue.
- ADTRAN EoCu goals are to provide a simple and cost-effective way to extend the delivery of Ethernet services by leveraging existing copper, DS1, HDSL, TDM, SONET infrastructure.

The Fiber Gap

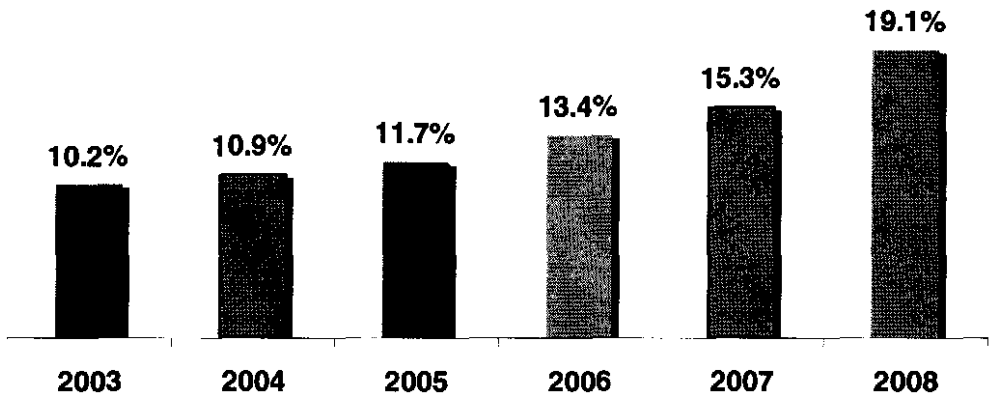
2008 Fiber Availability

% of U.S. Commercial Buildings with 20+ employees



U.S. Business Fiber Trend

% of U.S. Commercial Buildings with 20+ employees



Over 80% Of Buildings Don't Have Fiber
Service Providers Must Deliver Ubiquitous Solution

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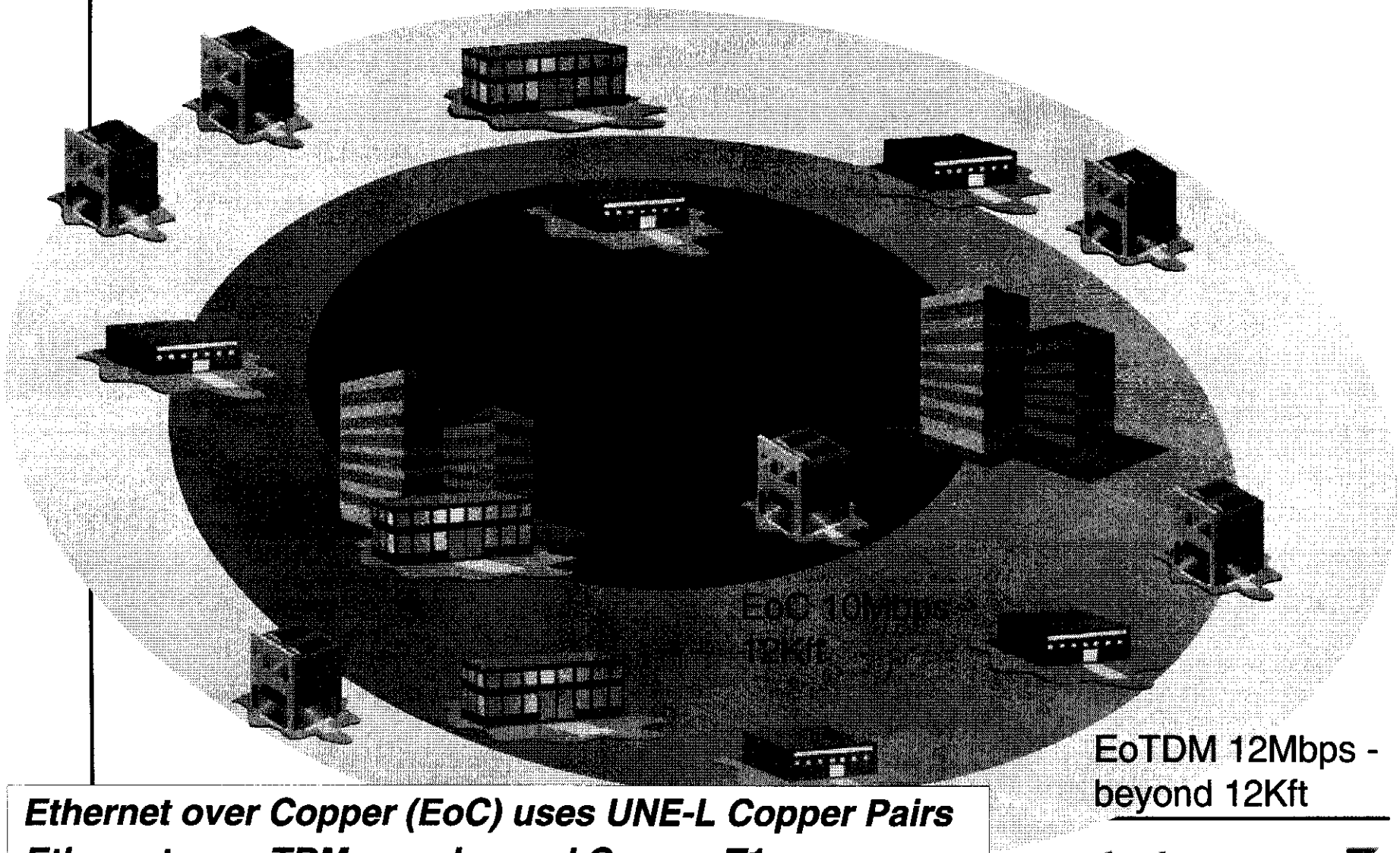
Ubiquitous Ethernet Service Offering



Ethernet over Copper (EoC) uses UNE-L Copper Pairs
Ethernet over TDM uses Leased Copper T1s

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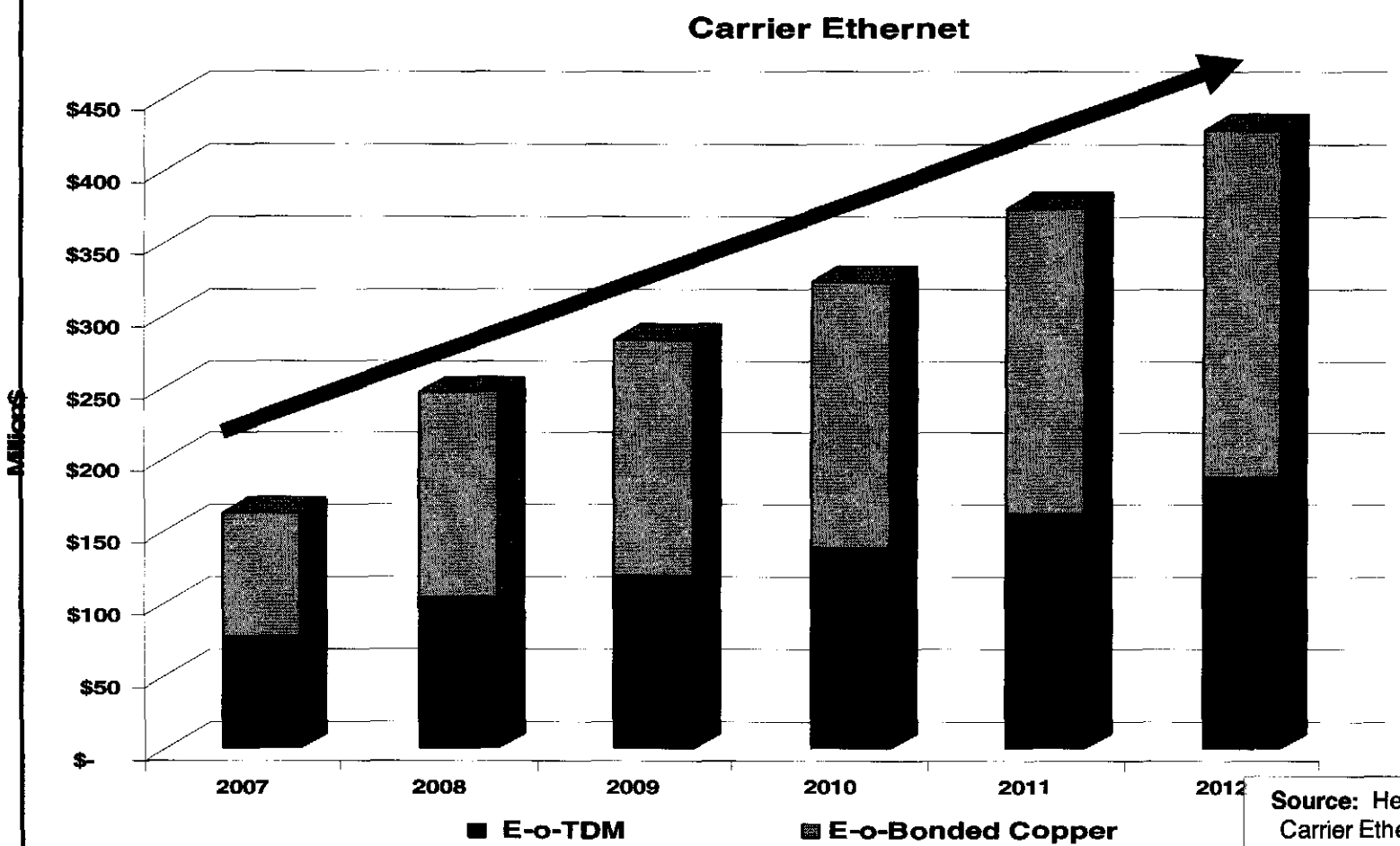
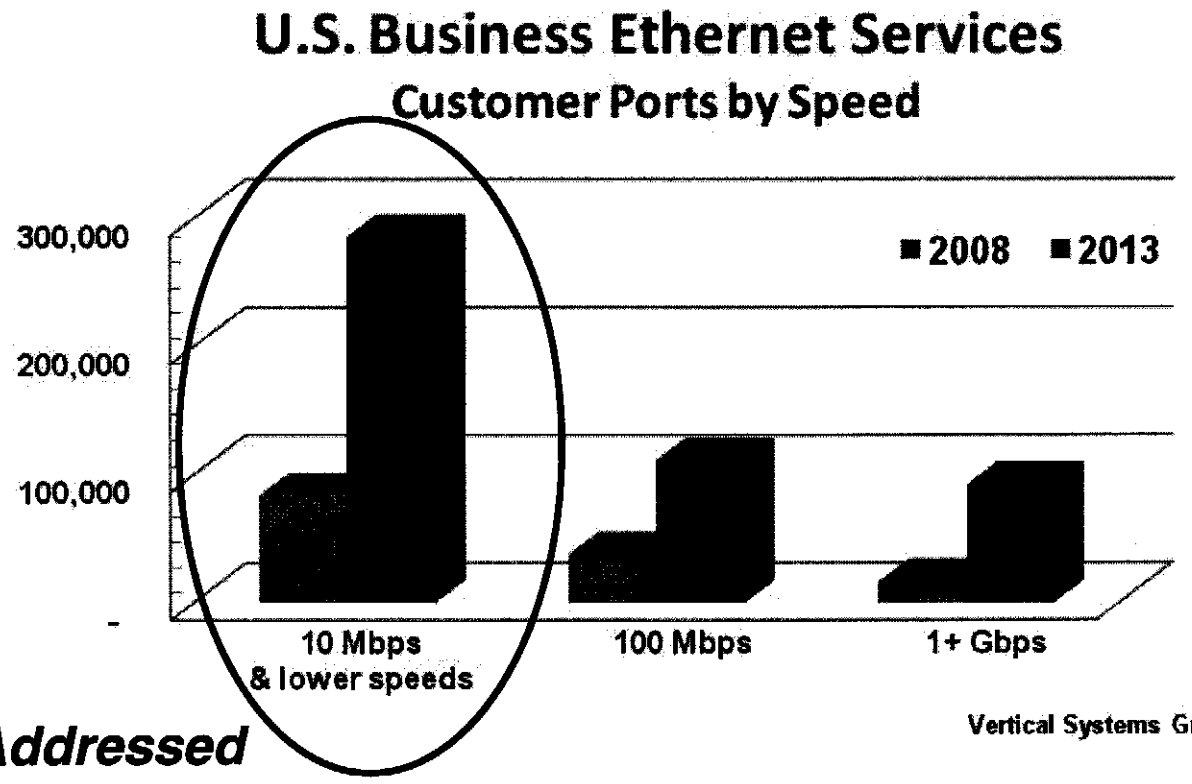
Ethernet Technology Forecast



Source: Heavy Reading, Carrier Ethernet Access Platforms Quarterly Market Tracker; January, 2009

Demand For Copper-based Broadband Ethernet Is Growing

Business Ethernet Speed Forecast



Vertical Systems Group - *ENS*

Easily Addressed
With Copper-based Solutions

10M and Sub 10M Is The Sweet Spot

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Copper Retirement Issues

- Copper is available, ubiquitous and cost-effective
- Critical to delivery of competitive broadband
- Needless retirement of copper plant is a major obstacle to a competitive broadband market
- Lack of rules present unacceptable business risk
- Rules will leverage significant expansion of state of the art broadband technology and robust competition
- Petition filed by Deltacom and others pending since January 2008
- Public interest demands action by the FCC

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